

## UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
TN320Total Pages in this Submission  
53

## TO THE COMMISSIONER FOR PATENTS

P. O. Box 1450  
Mail Stop Patent Application  
Alexandria, VA 22313-1450

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

SAVING AND RESTORING AN INTERLOCKING TREES DATASTORE

and invented by:

Jane C. Mazzagatti, Jane V. Claar

If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Enclosed are:

## APPLICATION ELEMENTS

1. ☒ Filing Fee as calculated and transmitted as described below2. ☒ Specification having 31 pages and including the following:

- a. ☒ Descriptive Title of the Invention
- b. ☐ Cross References to Related Applications (if applicable)
- c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
- d. ☐ Reference to Microfiche Appendix (if applicable)
- e. ☒ Background of the Invention
- f. ☒ Brief Summary of the Invention
- g. ☒ Brief Description of the Drawings (if applicable)
- h. ☒ Detailed Description
- i. ☒ Claim(s) as Classified Below
- j. ☒ Abstract of Disclosure

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## Applicati n Elements (Continued)

3. ☒ Drawing(s) (when necessary as prescribed by 35 USC 113)
- a. ☒ Formal Number of Sheets 11
- b. ☐ Informal Number of Sheets
4. ☒ Oath or Declaration
- a. ☐ New executed (original or copy) ☒ Unexecuted
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional applications only)
- c. ☐ With Power of Attorney ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)
- Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b)
5. ☐ Incorporation By Reference (usable if Box 4b is checked)
- The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference herein.
6. ☐ Computer Program in Microfiche (Appendix)
7. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)
- a. ☐ Paper Copy
- b. ☐ Computer Readable Copy (identical to computer copy)
- c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

## Accompanying Application Parts

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement (when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
14. ☐ Certified copy of Priority Document(s) (if foreign priority is claimed)
15. ☒ Certificate of Mailing
- ☐ First Class ☒ Express Mail (Specify Label No.): EU647806970US

**UTILITY PATENT APPLICATION TRANSMITTAL**
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TN320**
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**Accompanying Application Parts (Continued)**

16. ☒ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Additional Enclosures (please identify below):

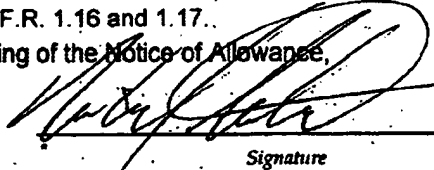
**Fee Calculation and Transmittal**
**CLAIMS AS FILED**

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	21	- 20 =	1	\$18	\$18.00
Indep. Claims	6	- 3 =	3	\$86	\$258.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/> (\$280.00)					\$0.00
<b>BASIC FEE</b>					<b>\$770.00</b>
<b>OTHER FEE (specify purpose) _____</b>					<b>\$0.00</b>
<b>TOTAL FILING FEE</b>					<b>\$1,046.00</b>

- ☐ A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 19-3790 as described below. A duplicate copy of this sheet is enclosed.
- ☒ Charge the amount of \$1,046.00 as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: January 16, 2004

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 Signature  
 Michael B. Atlass, Reg. No. 30,606  
**UNISYS** Corporation  
 Unisys Way, MS/E8-114  
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**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): Jane C. Mazzagatti and Jane V. Claar

DOCKET NO.

TN320

Serial No.  
TO BE ASSIGNEDFiling Date  
HEREWITHExaminer  
TO BE ASSIGNEDGroup Art Unit  
TO BE ASSIGNEDInvention: **SAVING AND RESTORING AN INTERLOCKING TREES DATASTORE**

I hereby certify that following:

Certificate of Mailing by Express Mail (1 page)

U.S. Patent Application Transmittal (4 pages)

U.S. Patent Application/Specification (31 pages)

Drawings (Figs. 1-10) (11 sheets)

Unexecuted Declaration/Limited Power of Attorney (4 pages)

Nonpublication Request Form (1 page)

IDS Statement with cited reference (0 pages)

Self-Addressed Return Post Card for Receipt (1 card)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450 on January 16, 2004.

Pat Oliver

(Type or Printed Name of Person Mailing Correspondence)



(Signature of Person Mailing Correspondence)

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